

10/530074

Rec'd PCT/PTO 01 APR 2005

PCT/CA2003/001507

WO 2004/032445

1/8

12 → 24 → 10
↓ ↓
GET/2002/WORLD/meast/09/02/iraq.weapons/index.html?
26 sessionid1=123ashg&id=7654,HTTP/1.1 16
Accept: image/gif, image/x-bitmap, image/jpeg, image/pjpeg, application/vnd.ms-e
Referer: http://www.cnn.com/
18 { Accept-Language: en-us
Accept-Encoding: gzip, deflate
User-Agent: Mozilla/4.0 (compatible; MSIE 5.5; Windows NT 5.0; T312461)
20 { Cookie: CNNid=Gcf1947e6-25267-997291842-7; NGuserID = cf1947bf-8936-998251970-1; bi
Host: www.cnn.com
20 { Connection: Keep-Alive

FIG. 1A

10/530074

Rec'd PCT/PTO 01 APR 2005
PCT/CA20037001507

WO 2004/032445

2/8

12' 14' 16'
10' ↗
POST /cgi-bin/acnotify.cgi HTTP/1.1
{ Accept: image/gif, image/x-xbitmap, image/jpeg, application/x-pixbuf, application/msword, application/vnd.ms-powerpoint, */*
Referer: http://mobile.aircanada.ca/aircanada/notify.shtml
Accept-Language: en-us
Content-Type: application/x-www-form-urlencoded
Accept-Encoding: gzip, deflate
User-Agent: Mozilla/4.0 (compatible; MSIE 5.5; Windows NT 5.0; T312461)
Host: mobile.airline.ca
Content-Length: 125
20' { Cookie: new_lang_pref=english
Connection: Keep-Alive
18' { Cache-Control: no-cache 25'
24' 26'
22' { lang=en&format=html&action=confirm&fn=5454&fdate=2002-09-
06&ad=d&dt=15&athb=18&devtype=e&dev=none&phone=joe.smith@sympatico.ca

FIG. 1B

3/8

10"

POST /bookingform.jsp HTTP/1.1
 12" 14" 16"
 Accept: image/gif, image/x-bitmap, image/jpeg, image/pjpeg, application/
 vnd.ms-excel, application/msword, application/vnd.ms-powerpoint, */*
 18a" Accept-Language: en-us
 Content-Type: multipart/form-data; boundary=-----
 7d23403440456
 Accept-Encoding: gzip, deflate
 18" User-Agent: Mozilla/4.0 (compatible; MSIE 5.5; Windows NT 5.0;
 T312461)
 Host: scan.airline.ca
 Content-Length: 150
 Connection: Keep-Alive
 Cache-Control: no-cache
 -----7d23403440456 28" 30"
 Content-Disposition: form-data; name="phone"
 (416) 841-7712 24"
 -----7d23403440456 26"
 Content-Disposition: form-data; name="passengers"
 22" 2
 -----7d23403440456
 Content-Disposition: form-data; name="comment"
 vegetarian meal only
 -----7d23403440456--
 25"

FIG. 1C

10/530074

Rec'd PCT/PTO 01 APR 2005
PCT/CA2003/001507

WO 2004/032445

4/8

POST /StockQuote HTTP/1.1

10"

Host: www.stockquoteserver.com

Content-Type: text/xml; charset = "utf-8"

18a" Content-Length: nnnn

SOAPAction: "Some-URI"

< SOAP-ENV:Envelope
 xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/"
 SOAP-ENV:encodingStyle = "http://schemas.xmlsoap.org/soap/
encoding/" />

22"

< SOAP-ENV:Header>
 <t:Transaction xmlns:t = "some-URI" SOAP-
ENV:mustUnderstand = "1">

5

</t:Transaction>

</SOAP-ENV:Header>

< SOAP-ENV:Body >

< m:GetLastTradePriceDetailed xmlns:m = "Some-URI" >

< Symbol > DEF </Symbol >

25" < Company > DEF Corp </Company >

< Price > 34.1 </Price >

</m:GetLastTradePriceDetailed >

</SOAP-ENV:Body >

</SOAP-ENV:Envelope >

FIG. 1D

10/530074

Rec'd PCT/PTO 01 APR 2005
PCT/CA2003/001507

WO 2004/032445

5/8

50

Rule Template for Telephone Numbers

if data element of field matches any of the following formats
consider it contains a telephone number of that format:

52

a. North American telephone number format:

area code of:

optional (

3 digits

closing) or - or <tab> or <space>

local no. of

3 digits

optional - or <tab> or <space>

4 digits

54a

b. international telephone number format:

country code of:

optional (

2 or 3 digits

closing) or - or <tab> or <space>

city code of:

optional (

1 to 3 digits

closing) or - or <tab> or <space>

local number of:

4 to 8 digits, optionally with one or more
interspersed - or <tab> or <space>

54b

c. toll free telephone number format

1

optional (or <tab> or <space>

800 or 855 or 866 or 877 or 888

closing) or - or <tab> or <space>

3 digits

optional - or <tab> or <space>

4 digits

54c

FIG. 2

10/530074

Rec'd PCT/PTO 01 APR 2005

PCT/CA2003/001507

WO 2004/032445

6/8

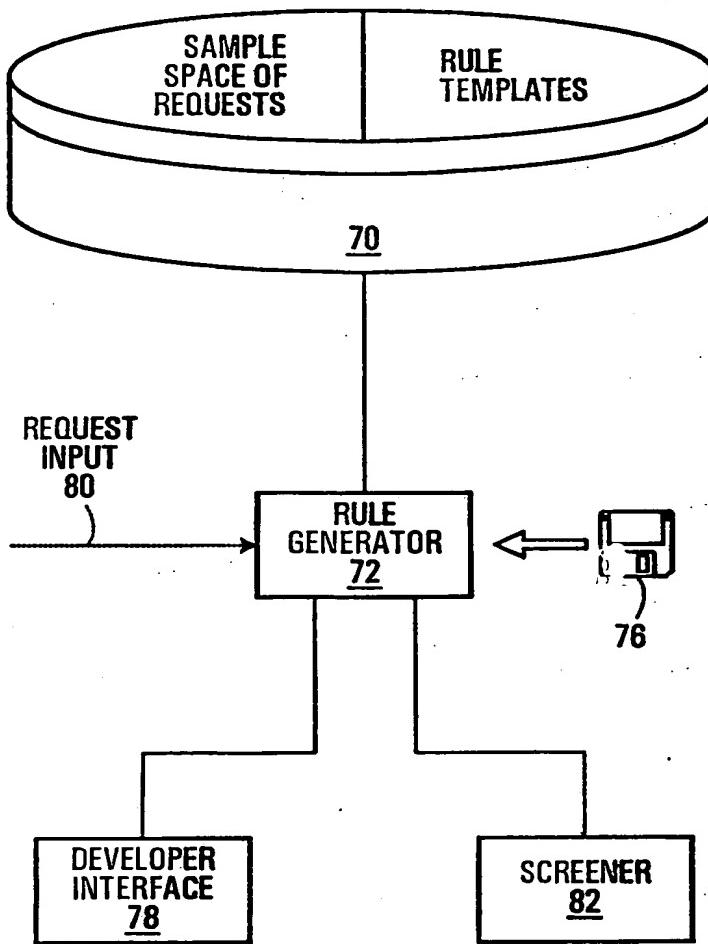


FIG. 3

7/8

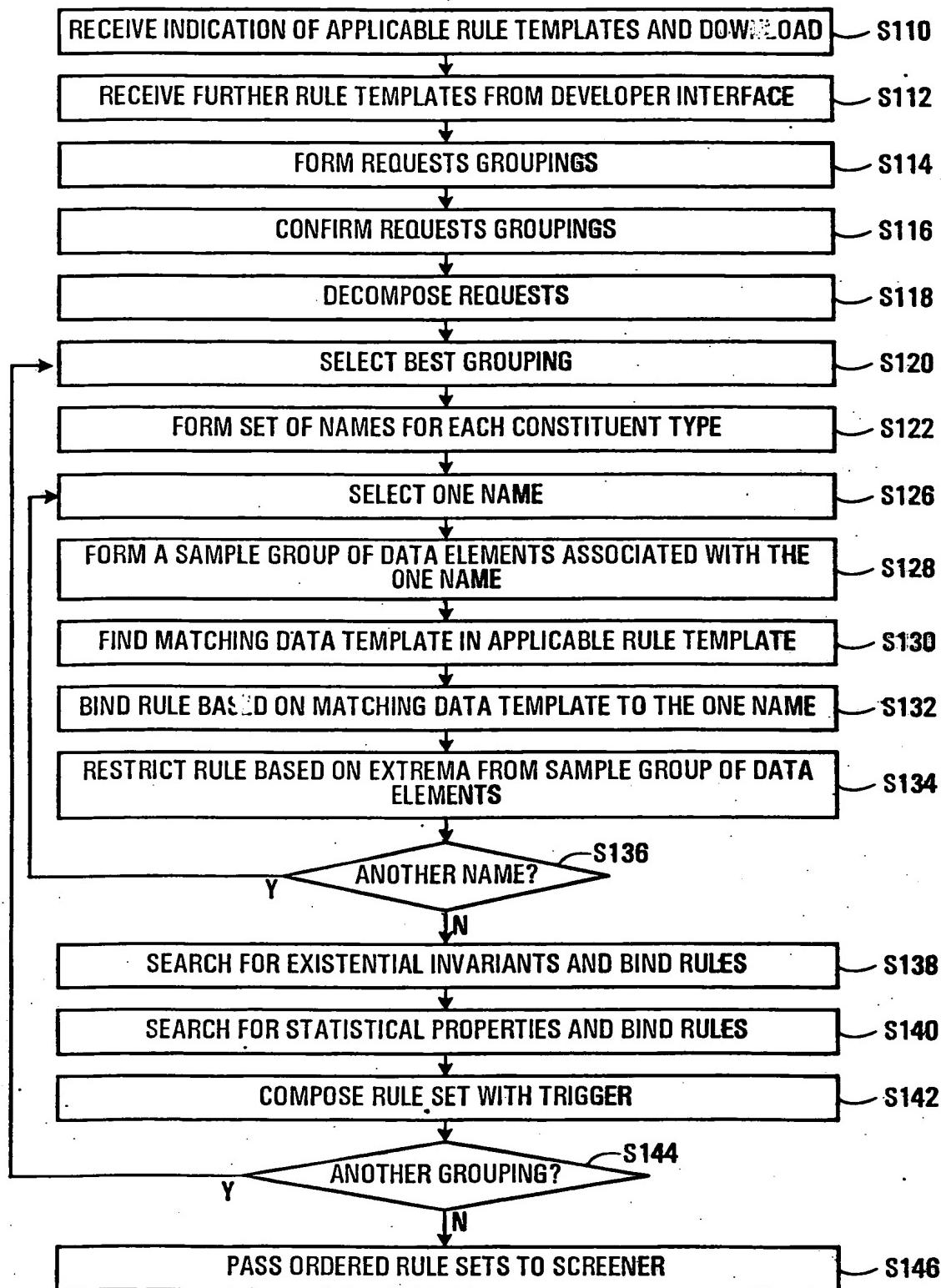


FIG. 4

10/53074

Rec'd PCT/PTO 01 APR 2005
PCT/CA2003/001507

WO 2004/032445

8/8

90

Trigger: All request for URLs containing the characters "form"

Conditions:

- The method must be POST
- There must exist between 1 and 100 POST fields
- No more than 5% of the POST fields may have blank (empty) values
- There must exist exactly one field named Comments
- The value of the Comments field must be between 20 and 2000 characters in length
- The statistical distribution of characters in the Comments field must not differ from that of standard English by more than the threshold X

92

92

Trigger: All request for URLs ending in the characters ".jsp" ← 90

Conditions:

- There must exist exactly one cookie named SessionID ← 92
- There may not exist any cookies not named SessionID ← 92
- The value of the SessionID cookie must be between 12 and 14 characters in length and must be composed exclusively of the numerals 0 through 9 and the uppercase letters A through F
- The method must be HEAD or GET

90

Trigger: All request for URLs beginning with the characters "/images" OR ending with the characters ".gif" or ".jpg"

Conditions:

- The method must be HEAD or GET
- There must not be any GET parameters
- There must not be any cookies
- There must be no more than 10 headers
- The URL must not exceed 200 characters in length

FIG. 5